

Specification

Please replace the paragraph beginning at page 109, lines 4 to 24 with the following paragraph:

--In this embodiment, the magnetic detecting unit 47 is disposed in the detection conductor 41 so that among detection magnetic fluxes 80 generated by the detection conductor 41, the magnetic detecting unit 47 detects magnetic flux 82 having components vertical to the power module base 27 or parallel to the perpendicular line which vertically intersects with the power module base 27. Specifically, the magnetic detecting unit 47 is disposed in a portion of the detection conductor 41, which bends from the current detection electrode 42, extends in the direction away from the power module base 27, bends again and then extends parallel to the power module base 27, so that the magnetic detection surface of the magnetic detecting semiconductor element 43 is parallel to the portion, which bends from the current detection electrode 42, extends in the direction away from the power module base 27, bends again and then extends parallel to the power module base 27, and also the magnetic detection surface is parallel to the current detection electrode 42 (power module base 27).--